

CLAIMS

1. Water-in-oil (W/O) microemulsions containing a retinoid and a phospholipid emulsifier as active ingredient.

5 2. Microemulsions as claimed in claim 1, wherein the phospholipid emulsifier is selected from soy phosphatidylcholine and soy lecithin.

3. Microemulsions as claimed in claim 1 or 2, wherein the oily phase consists of alkyl esters of C₁₀-C₂₂ fatty acids.

4. Microemulsions as claimed in claim 3, wherein the oily phase consists
10 of isopropyl palmitate.

5. Microemulsions as claimed in one or more of the preceding claims, wherein the retinoid is selected from isotretinoin (13-cis-retinoic acid), tazarotene and fenretinide.

6. Microemulsions as claimed in claim 5, wherein the retinoid is
15 fenretinide.

7. Microemulsions as claimed in one or more of the preceding claims, also containing sodium hyaluronate.

8. Microemulsions as claimed in one or more of the preceding claims, containing a derivative of hyaluronic acid selected from:

- 20 - HA salified with organic and/or inorganic bases with a molecular weight of 50-730 KDa or a high molecular weight (750-1230 KDa);
- esters of HA with alcohols of the aliphatic, araliphatic, cycloaliphatic, aromatic, cyclic and heterocyclic series;
- amides of HA with amines of the aliphatic, araliphatic, cycloaliphatic, aromatic, cyclic and heterocyclic series;
25 - O-sulphated derivatives of HA up to the 4th degree of sulphation;
- inner esters of HA.

9. Microemulsions as claimed in one or more of the preceding claims, also containing antioxidants and preservatives.

10. Microemulsions as claimed in claim 9, containing α -tocopherol and parabens.

5 11. Pharmaceutical compositions comprising the microemulsions described in claims 1-10.

12. Use of the microemulsions described in the claims 1-10 for the preparation of medicinal products with chemoprotective activity.

13. A process for the preparation of the microemulsions claimed in claims 10 1-10, which involves the addition of a solution of phospholipid emulsifier in the oily phase to the retinoid solution in the same oily phase, or the subsequent addition of an aqueous solution, possibly containing hyaluronic acid, salts or derivatives thereof, preservatives, EDTA and other components.